

Filed 2/12/07

PTO/SB/08B (07-06)

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/620,099
				Filing Date	July 14, 2003
				First Named Inventor	Wachter, Rebekka M.
				Art Unit	1656
				Examiner Name	Nashaatt T. Nashed
Sheet	1	of	1	Attorney Docket Number	026069-151480US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NN	1	2002/0164577 A1	11-7-2002	Tsien, et al.	
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	3	2003/0119085 A1	6-26-2003	Tsien, et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>2</sup>	Number <sup>2</sup>	Kind Code <sup>2</sup> (if known)				
Examiner Signature	/Nashaatt Nashed/ (03/02/2007)					Date Considered		

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
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Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)				
AC	AA	US-5,491,084		02/13/1996	Chalfie et al.	
I	AB	US-5,625,048		04/29/1997	Tsien et al.	
	AC	US-5,777,079		07/07/1998	Tsien et al.	
Y	AD	US-5,795,737		08/18/1998	Seed et al.	
ve	AE	US-5,804,387		09/08/1998	Cornack et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
ve	AF	PCT	WO 91/01305		02/07/1991			<input type="checkbox"/>
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	AH	PCT	WO 95/21191		08/10/1995			<input type="checkbox"/>
	AI	PCT	WO 96/23810		08/08/1996			<input type="checkbox"/>
	AJ	PCT	WO 96/27027		09/06/1996			<input type="checkbox"/>
	AK	PCT	WO 98/23898		08/08/1996			<input type="checkbox"/>
	AL	PCT	WO 98/27675		09/12/1996			<input type="checkbox"/>
	AM	PCT	WO 97/11094		03/27/1997			<input type="checkbox"/>
	AN	PCT	WO 97/26333		01/17/1997			<input type="checkbox"/>
	AO	PCT	WO 97/28261		08/07/1997			<input type="checkbox"/>
	ve	AP	PCT	WO 97/42320		05/07/1997		

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Sheet	2	of	4	Attorney Docket Number	026069-151480US


OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)		
	AQ	? et al., <i>Proc. Natl. Acad. Sci.</i> , 93:8362-8367 (1996) <i>Incomplete citation</i>
NE	AR	Baldwin et al., <i>Biochemistry</i> , 29:5509-5915 (1990)
	AS	Chalfie et al., <i>Science</i> , 263:802-804 (1994)
	AT	Cheng et al., <i>Nature Biotechnology</i> , 14:606-609 (1996)
	AU	Cody et al., <i>Biochemistry</i> , 32:1212-1218 (1993)
	AV	Cormack et al., <i>Gene</i> , 173:33-38 (1995)
	AW	Crameri et al., <i>Nature Biotech.</i> , 14:315-319 (1996)
	AX	Cubin et al., <i>Trends in Biochem. Sci.</i> , 20:488-455 (1995)
	AY	Delagrave, S. et al., "Searching sequence space to engineer proteins, exponential ensemble mutagenesis," <i>Bio Technology</i> , 11:1548-1552 (December 1993)
	AZ	Delagrave, S. et al., <i>Bio/Technology</i> , 13:151-154 (1995)
	BA	Dickson et al., <i>Science</i> , 274:966-969 (1996)
	BB	Ehrig et al., <i>FEBS Letters</i> , 367:163-166 (1995)
NE	BC	Eisilger, Marc-Andre et al., "Structural and Spectral Response of Green Fluorescent Protein Variants to Changes in pH," <i>Biochemistry</i> , Vol. 38, Pages 5296-5301 (1999)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)		
we	BD	Giuliano et al., <i>Ann. Rev. Biophys. Biomol. Struc.</i> , 24:405-435 (1995)
	BE	Heim et al., <i>Current Biology</i> , 6:178-182 (February 1996)
	BF	Heim et al., <i>Nature</i> , 373:663-664 (1995)
	BG	Heim et al., <i>Proc. Natl. Acad. Sci.</i> , 91:12501-12505 (1994)
	BH	Inouye and Tsuji, <i>FEBS Letters</i> , 341:277-280 (1994)
	BI	Jayaraman, Sujatha et al., "Mechanism and Cellular Applications of a Green Fluorescent Protein-based Halide Sensor," <i>J. Biol. Chem.</i> , 275(9) 6047-6050 (2000)
	BJ	Kain et al., <i>BioTechniques</i> , 19:650-655 (1995)
	BK	Levine et al., <i>Comp. Biochem. Physiol.</i> , 728:77-85 (1982)
	BL	Mitra et al., <i>Gene</i> , 173:13-17 (1996)
	BM	Muhirad et al., <i>Yeast</i> , 8:79-82 (1992)
	BN	Niws et al., <i>Proc. Natl. Acad. Sci.</i> , 93:13617-13622 (1996)
	BO	Norris, et al., <i>Plant Molecular Biology</i> , 24:673-677 (1994)
we	BP	Ormo et al., <i>Science</i> , 273:1392-1395 (1996)

Examiner Signature		Date Considered	
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Sheet	4	of	4	Attorney Docket Number	026069-151480US

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)		
me	BQ	Palm et al., <i>Nature Struct. Biol.</i> , 4:361-365 (1997)
	BR	Perozzo et al., <i>J. Biol. Chem.</i> , 263:7713-7716 (1988)
	BS	Prasher et al., <i>Gene</i> , 111:229-233 (1992)
	BT	Roth Thesis from the graduate program in Biochemistry from Rutgers, the state University of New Jersey (October 1985)
	BU	Wachter, Rebekka M. et al., "Crystal Structure and Photodynamic Behavior of the Blue Emission Variant Y66H/Y145F of Green Fluorescent Protein," <i>Biochemistry</i> , Vol. 36, Pages 9759-9765 (1997)
	BV	Wachter, Rebekka M. et al., "Sensitivity of the Yellow Variant of Green Fluorescent Protein to Halides and Nitrate," <i>Current Biology</i> , Vol. 9, No. 17, Pages R628-R629 (1999)
	BW	Wachter, Rebekka M. et al., "Structural Basis of Spectral Shifts in the Yellow-emission Variants of Green Fluorescent Protein," <i>Structure</i> , Vol. 6, No. 10, Pages 1267-1277 (1998)
	BX	Ward et al., <i>Biochemistry</i> , 21:4535-4540 (1982)
	BY	Ward et al., <i>Photochem Photobiol.</i> , 35:803-808 (1982)
	BZ	Ward in Bioluminescence and Chemiluminescence (eds DeLuca et al., 235-242 (Academic Press, NY, 1981))
	CA	Yang et al., <i>Nature Biotechnology</i> , 14:1246-1251
	CB	Yokoe and Meyer, <i>Nature Biotech</i> , 14:1252-1256 (1996)
me	CC	Zolotukhin et al., 4646-4654 (1996)

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